

**CRF Errors Corrected by the STIC System's Branch**

Serial Number: 09/806,708B

CRF Processing Date: 01/07/05  
 Edited by: \_\_\_\_\_  
 Verified by: DC (STIC staff)

1600

1638

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current" Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☒ Other: Inserted a "hard return" in front of the <213> heading in Seq. 11

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\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



1600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,708B

DATE: 01/07/2003 *fk*  
TIME: 11:32:24

Input Set : A:\PTO.DC.txt

Output Set : N:\CRF4\01072003\I806708B.raw

2 <110> APPLICANT: The University of British Columbia  
W--> 3 <120> TITLE OF INVENTION: Regulation of Embryonic Transcription in Plants  
W--> 4 <130> FILE REFERENCE: 4810-58741  
W--> 5 <140> CURRENT APPLICATION NUMBER: PCT/CA 00/00907B  
C--> 6 <141> CURRENT FILING DATE: 2001-04-03  
7 <150> PRIOR APPLICATION NUMBER: US 60/147,133  
8 <151> PRIOR FILING DATE: 1999-08-04  
W--> 9 <160> NUMBER OF SEQ ID: 23  
10 <170> SOFTWARE: PatentIn version 3.0  
W--> 11 <210> SEQ ID NO: 1  
12 <211> LENGTH: 12  
13 <212> TYPE: DNA  
14 <213> ORGANISM: Arabidopsis thaliana  
W--> 15 <220> FEATURE:  
16 <221> NAME/KEY: misc\_signal  
17 <222> LOCATION: (1)..(12)  
18 <223> OTHER INFORMATION: CE3 element at 361-369 bp  
W--> 19 <400> SEQUENCE: 1  
20 acacattccc tc  
23 <210> SEQ ID NO: 2  
24 <211> LENGTH: 12  
25 <212> TYPE: DNA  
26 <213> ORGANISM: Artificial sequence  
28 <220> FEATURE:  
29 <221> NAME/KEY: misc\_signal  
30 <222> LOCATION: (1)..(12)  
31 <223> OTHER INFORMATION: consensus sequence  
33 <400> SEQUENCE: 2  
34 acacattccc tc  
37 <210> SEQ ID NO: 3  
38 <211> LENGTH: 20  
39 <212> TYPE: DNA  
40 <213> ORGANISM: Artificial sequence  
42 <220> FEATURE:  
W--> 43 <221> NAME/KEY: primer  
44 <222> LOCATION: (1)..(12)  
45 <223> OTHER INFORMATION: Appl. FW  
W--> 46 <400> SEQUENCE: 3  
47 acacattccc tc  
48 <210> SEQ ID NO: 4  
49 <211> LENGTH: 17  
50 <212> TYPE: DNA  
51 <213> ORGANISM: Artificial sequence

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JAN 15 2003

TECH CENTER 1600/2900

12

12

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,708B

DATE: 01/07/2003

TIME: 11:31:24

Input File : A:\PTO.DC.txt

Output File : N:\CRF4\01072003\I806708B.raw

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W--> 54 <220> FEATURE:
W--> 55 <221> NAME/KEY: primer
      56 <222> LOCATION: (1)..(27)
      57 <223> OTHER INFORMATION: AtpackV
W--> 58 <400> SEQUENCE: 4
      59 tgcctatggtt gtgtcggaaa ataatgg 27
      62 <210> SEQ ID NO: 5
      63 <211> LENGTH: 27
      64 <212> TYPE: DNA
      65 <213> ORGANISM: Artificial sequence
W--> 66 <220> FEATURE:
W--> 67 <221> NAME/KEY: primer
      68 <222> LOCATION: (1)..(27)
      69 <223> OTHER INFORMATION: AP1
W--> 70 <400> SEQUENCE: 5
      71 ggaatcctaatt acgactcact atagggc 27
      74 <210> SEQ ID NO: 6
      75 <211> LENGTH: 25
      76 <212> TYPE: DNA
      77 <213> ORGANISM: Artificial sequence
W--> 78 <220> FEATURE:
W--> 79 <221> NAME/KEY: primer
      80 <222> LOCATION: (1)..(25)
      81 <223> OTHER INFORMATION: Bnwalk1
      82 <400> SEQUENCE: 6
      84 taagagtgga ggaatggtta tgagg 25
      87 <210> SEQ ID NO: 7
      88 <211> LENGTH: 18
      89 <212> TYPE: DNA
      90 <213> ORGANISM: Artificial sequence
W--> 91 <220> FEATURE: <221> primer
W--> 91 <220> FEATURE: <221> primer
      92 <222> LOCATION: (1)..(18)
      93 <223> OTHER INFORMATION: AP1
W--> 94 <400> SEQUENCE: 7
      95 tatagggcct cgagcgcc 18
      98 <210> SEQ ID NO: 8
      99 <211> LENGTH: 15
     100 <212> TYPE: DNA
     101 <213> ORGANISM: Artificial sequence
W--> 102 <220> FEATURE:
W--> 103 <221> NAME/KEY: primer
     104 <222> LOCATION: (1)..(15)
     105 <223> OTHER INFORMATION: Bnwalk1
W--> 106 <400> SEQUENCE: 8
     107 ccaagacgag caacatga aaaga 27
     110 <210> SEQ ID NO: 9
     111 <211> LENGTH: 14
     112 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,708B

DATE: 01/09/2009

TIME: 11:30:24

Input Seq. : A:\PTO.DC.txt

Output Seq: N:\CRF4\01072003\I806708B.raw

```

113 <213> ORGANISM: Artificial sequence
W--> 114 <220> FEATURE:
W--> 115 <221> NAME/KEY: primer
116 <222> LOCATION: (1)..(24)
117 <223> OTHER INFORMATION: Lawalk1
W--> 118 <400> SEQUENCE: 9
119 gatcgatttgt ggttaagacga gaggc 24
122 <210> SEQ ID NO: 10
123 <211> LENGTH: 24
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial sequence
W--> 126 <220> FEATURE:
W--> 127 <221> NAME/KEY: primer
128 <222> LOCATION: (1)..(24)
129 <223> OTHER INFORMATION: Lawalk2
W--> 130 <400> SEQUENCE: 10
131 gtccactggga agaacacagag gttg 24
134 <210> SEQ ID NO: 11
135 <211> LENGTH: 25
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial sequence
139 <220> FEATURE:
W--> 140 <221> NAME/KEY: primer
141 <222> LOCATION: (1)..(25)
142 <223> OTHER INFORMATION: BnproFW
144 <400> SEQUENCE: 11
145 ctgaatttcac caaagaaaca actcg 25
148 <210> SEQ ID NO: 12
149 <211> LENGTH: 26
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial sequence
W--> 152 <220> FEATURE:
W--> 153 <221> NAME/KEY: primer
154 <222> LOCATION: (1)..(26)
155 <223> OTHER INFORMATION: BnproRV
W--> 156 <400> SEQUENCE: 12
157 ggaatttcg ttttttttt taggcg 26
160 <210> SEQ ID NO: 13
161 <211> LENGTH: 27
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial sequence
W--> 164 <220> FEATURE:
W--> 165 <221> NAME/KEY: primer
166 <222> LOCATION: (1)..(27)
167 <223> OTHER INFORMATION: LnpFW
W--> 168 <400> SEQUENCE: 13
169 caatttacc ggaatttcg 27
172 <210> SEQ ID NO: 14
173 <211> LENGTH: 28

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,708B

DATE: 17/07/2009

TIME: 11:32:24

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\I806708B.raw

```

174 <211> TYPE: DNA
175 <213> ORGANISM: Artificial sequence
W--> 176 <220> FEATURE:
W--> 177 <221> NAME/KEY: primer
178 <222> LOCATION: (1)..(23)
179 <223> OTHER INFORMATION: LapickV
W--> 180 <400> SEQUENCE: 14
181 tggcagttt tgggtggag agg                23
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 393
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial sequence
W--> 188 <220> FEATURE:
189 <221> NAME,KEY: promoter
190 <222> LOCATION: (1)..(393)
191 <223> OTHER INFORMATION: transcriptional regulatory region
W--> 192 <400> SEQUENCE: 15
193 agactaaga acacacattc cctcaaatit taatgcacat gtaatcatag tttagcaciaa        60
195 ttcaaaaata atgtaattatt aaagacagaa atttqtagac ttttttttgg cgttaaaggaa        120
197 agactaagtt tataactata ttittattita agtggaaaaa cgaatttttc catcgaaata        180
199 tatgaattta ctatatatat ttctgcaatg tactattttg ctatttttgc aactttcagt        240
201 ggactactac ttatttacaa tgtgtatgga tgcattgagt ttagtataca catgtctaaa        300
203 tgcattggtt gcaaaacgta acggaccaca aaacaggatc catgcaataa catctcatag        360
205 ttctctcat ttttttcga cacaaaacaga gaa
206 <210> SEQ ID NO: 16
209 <211> LENGTH: 934
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial sequence
W--> 212 <220> FEATURE:
213 <221> NAME,KEY: promoter
214 <222> LOCATION: (1)..(934)
215 <223> OTHER INFORMATION: transcriptional regulatory region
W--> 216 <400> SEQUENCE: 16
217 ctactagatt ggttqcttgg ttcccatgta ccacaaaggt taccctatta gttgaaagtt        60
219 gaaactttgt tccctactca attcctagtt ggtgaaatgt atgtataigt aatgagatata        120
221 aaacgttaga cttaaatgac taggagtggt tcttgagacc gatagagagat gggagagagaa        180
223 ctaaagatga tgacataatt aagaacuaat ttgaaagat cttaagtttg aatcctattc        240
225 aagaatgttt ttgtcaaaag tagtgggcat ttgaaaccaa acaaacattt taaaaaatca        300
227 gtatccgggtt acgttcattg aaatacaaaa tgggtctagg tctcatttata atttttagct        360
229 taaaagattct cttaagattc aatctctgct gttacaaaaa ctacaaataa tatattttad        420
231 attattttgc cttaactaaa ctccactca ttatttactg aggttagada atagacttgc        480
233 gaatacaaac attcccaga aattactcag atctctcagc tagtcaagag atatctcaat        540
235 caatctctag aacacacatt cctcacaatt ttactttagc tctactata atttataaaa        600
237 attcaaaaat atgttagtat taaaagacaa attttataga atttttttgc atttttttgc        660
239 aaacttaatt ttatagtag attttatttt aaatttctaa ccaaaatttt caatcttaatt        720
241 atataaattt agtatataa ttctctcaat ctactattt atttttttgc taatttttgc        780
243 tttctctctc atttttctaa atctctattt atttttttgc atttttttgc atttttttgc        840
245 atgctctatt tttaaaatc aaatttttgc aaatttttgc aaatttttgc aaatttttgc        900
247 atttttttgc atttttttgc aaatttttgc aaatttttgc aaatttttgc aaatttttgc        960

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,708B

DATE: 11/07/2009

TIME: 11:30:24

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\I806708B.raw

250 &lt;21&gt; SEQ ID NO: 17

251 &lt;211&gt; LENGTH: 1588

252 &lt;212&gt; TYPE: DNA

253 &lt;213&gt; ORGANISM: Artificial sequence

## W--&gt; 254 &lt;220&gt; FEATURE:

255 &lt;221&gt; NAME/KEY: promoter

256 &lt;222&gt; LOCATION: (1)..(1588)

257 &lt;223&gt; OTHER INFORMATION: transcriptional regulatory region

## W--&gt; 258 &lt;400&gt; SEQUENCE: 17

```

259 ctgacttcac caaagaaaca actcgagtcg ttatccatct cctcataaac atcgctccac      60
261 cctttgcttc caccgttttc ggctcgggttc ttatccatcg aaccggggcc aaaccgggtt      120
263 aactcggttg gtaactatgc taccttccac caacggatcg tagatcaagt atctccaagg      180
265 tcatggatat cttttatcaa gtaagaaaag ctgactcttc tgggaacggc acgtgcgatg      240
267 actcgctcgt gcttgacttc ttgagggaag ttcaagaaag ttccaggtct ggcatgaaa      300
269 ttcacggggc cgagggggtg cttcaggctc ctcccggaag gacttttgcg gggggcggtg      360
271 aagacacgga gcaagttatc attgggtggc tagaaaatct attcaagaac accaacgtta      420
273 accctaaaga tataggatata cttgtgggtg actcaagcat gttaatacca actccatcgc      480
275 tctccgggat ggttgtaaac actttcaagg tccgaagcaa cgttaagaagc tttaaccttg      540
277 gtggcatggg ttgtagtggc gggtttatag ccattgatct agcaaggac ttgttgcatg      600
279 tccataaaaa taccgtatgt cttgtgggtg gcacagagaa catcacttat aacatttaac      660
281 ctggtgataa taggtccatg atggtttcaa attgcttgtt cgtgttggtt ggggcgccta      720
283 ttctgctctc caacaagcct ggagatcgtt gaaggcccaa gtacgageta gttccacagg      780
285 ttogaagcaa taccggagct gacgacaagt ctttctgttg cgtgcaacaa ggagacgatg      840
287 agaaccgcaa aatcgagatg agtttgtcca agaacataac cgtgttgtgt ggtcgaacgg      900
289 ttaagaaaaa catagcaacg ttgggttcgt tgattctctc gtttaagcag aaactctttt      960
291 ttcttgctac cttctatggc aagaaaactt tcaagataa aatcaaacat tactacgtcc      1020
293 cggatttcaa artttctatt gacattttt gtatcacatg ccgaggccaga gccgtgattg      1080
295 atgrectaga gaagaccta gccctagcac ccatcgatgt agaggcatca agatcaacgt      1140
297 tacatagatt tggaaacact tcatctagct caatatggtt tgagttggca tacatagaag      1200
299 caaaagggaag gatgaagaaa ggtaataaag tttaggcgat tgccttaagg ttaggcttta      1260
301 agtgtaacag tgcagtttgg gtggtcttaa acaatgtcaa agcttcgaca aatagtcctt      1320
303 gggaacactg catcgacaga tacccggtca aaattgattc tgattcaggg aagtcagada      1380
305 ctgctctcca aaacggtcgg tcttaataaa cgatgtttgc tctctttcgt ttctttttat      1440
307 ttgttatatt aatttgatgg ctacgatgtt tctcttggtt gttatgaata aagaatgcaa      1500
309 tgtgtctcta gtatttgatt gttttatagt tatgtatctc ttatttacaat gaaattttta      1560
311 aagcctcaaa aaaaaaacg gaatttcg

```

314 &lt;210&gt; SEQ ID NO: 18

315 &lt;211&gt; LENGTH: 1069

316 &lt;212&gt; TYPE: DNA

317 &lt;213&gt; ORGANISM: Artificial sequence

## W--&gt; 318 &lt;220&gt; FEATURE:

319 &lt;221&gt; NAME/KEY: promoter

320 &lt;222&gt; LOCATION: (1)..(1069)

321 &lt;223&gt; OTHER INFORMATION: transcriptional regulatory region

## W--&gt; 322 &lt;400&gt; SEQUENCE: 18

```

323 caatttaaac ataaatttt acattatcat atattttta ctgatttaac gcttattttt      60
325 atattttttt atactaatc ttggtaaat ctattttat atattttta ttattttt      120
327 taaaatttta attttttta aaattttt ttcaattta atattttta ttattttt      180
329 atattttttt tttttttt aaattttt attttttt aaattttt attttttt      240

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/806,708BDATE: 11/17/2009  
TIME: 11:32:25Input Seq : A:\PTO.DC.txt  
Output Seq : N:\CRF4\01072003\I806708B.raw

## Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23  
Seq#:22; N Pos. 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43  
Seq#:22; N Pos. 44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64  
Seq#:22; N Pos. 171,185,186,187,210,215,216,264,265,279,280,281,282,283,284  
Seq#:22; N Pos. 298,303,323,324,331,348,349,350,351,352,353,354,380,399,400  
Seq#:22; N Pos. 401,402,426,427,428,429,430,441,453,454,468,469,480,481,489  
Seq#:22; N Pos. 514,515,516,517,538,539,550,561,562,577,578,590,639,640,641  
Seq#:22; N Pos. 642,643,644,645,646,647,648,649,650,651,652,653,654,673,684  
Seq#:22; N Pos. 685,692,693,699,700,711,712,713,714,715,716,722,723,724,725  
Seq#:22; N Pos. 726,727,730,736,753,773,774,784,785,786,787,793,804,805,806  
Seq#:22; N Pos. 807,808,809,810,811,812,813,814,815,816,817,831,835,836,837  
Seq#:22; N Pos. 838,839,840,841,842,843,844,851,867,868,869,870,871,872,904  
Seq#:22; N Pos. 905,910,918,919,920,921,922,923,937,938,939,940,941,942,966  
Seq#:22; N Pos. 976,977,1000,1001,1010,1016,1017,1018,1050,1052,1070,1088  
Seq#:22; N Pos. 1105,1112,1113,1114,1115,1116,1117,1118,1119,1131,1139,1140  
Seq#:22; N Pos. 1141  
Seq#:23; N Pos. 21,22,40,41,93,94,116,117,118,132,133,134,165,223,224,225  
Seq#:23; N Pos. 226,227,228,246,291,292,293,294,295,296,297,341,342,343,344  
Seq#:23; N Pos. 370,371,372,394,395,409,410,430,455,456,457,458,479,480,491  
Seq#:23; N Pos. 502,528,581,582,583,584,585,586,587,588,589,611,622,623,630  
Seq#:23; N Pos. 631,637,648,649,650,651,652,653,659,660,661,662,663,664,690  
Seq#:23; N Pos. 710,711,721,722,730,739,740,741,742,743,744,745,746,747,748  
Seq#:23; N Pos. 749,750,751,765,769,770,771,772,773,774,775,776,777,778,785  
Seq#:23; N Pos. 799,800,801,802,803,804,805,806,818,819,841,850,851,852,853  
Seq#:23; N Pos. 854,855,869,947,971,1029,1030,1031,1032,1033,1034,1035,1036  
Seq#:23; N Pos. 1048

## VERIFICATION SUMMARY

PATENT APPLICATION#: US/09/806,708B

DATE: 01/07/2010

TIME: 11:32:25

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\I806708B.raw

L:3 M:283 W: Missing Blank Line separator, <120> field identifier  
 L:4 M:283 W: Missing Blank Line separator, <130> field identifier  
 L:5 M:283 W: Missing Blank Line separator, <140> field identifier  
 L:5 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:8 M:283 W: Missing Blank Line separator, <160> field identifier  
 L:11 M:283 W: Missing Blank Line separator, <210> field identifier  
 L:15 M:283 W: Missing Blank Line separator, <230> field identifier  
 L:19 M:283 W: Missing Blank Line separator, <410> field identifier  
 L:43 M:283 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
 L:46 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:54 M:283 W: Missing Blank Line separator, <200> field identifier  
 L:55 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
 L:58 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:66 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:67 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5  
 L:70 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:73 M:283 W: Missing Blank Line separator, <230> field identifier  
 L:79 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6  
 L:91 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:91 M:256 W: Invalid Numeric Header Field, <230> has non-blank data  
 L:94 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:102 M:283 W: Missing Blank Line separator, <120> field identifier  
 L:103 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8  
 L:106 M:283 W: Missing Blank Line separator, <100> field identifier  
 L:114 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:115 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9  
 L:118 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:126 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:127 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10  
 L:130 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:140 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11  
 L:152 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:153 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12  
 L:156 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:164 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:165 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13  
 L:168 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:176 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:177 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14  
 L:180 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:188 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:192 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:212 M:283 W: Missing Blank Line separator, <120> field identifier  
 L:216 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:254 M:283 W: Missing Blank Line separator, <230> field identifier  
 L:258 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:318 M:283 W: Missing Blank Line separator, <230> field identifier



## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,708B

DATE: 1/30/2003

TIME: 11:52:13

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF4\01072003\I806708B.raw

L:362 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:364 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:368 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:408 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:412 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:472 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:482 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:530 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:534 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:535 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:0  
 L:537 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:60  
 L:539 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:120  
 L:541 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:180  
 L:543 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:240  
 L:545 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:300  
 L:547 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:360  
 L:549 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:420  
 L:551 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:480  
 L:553 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:540  
 L:555 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:600  
 L:557 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:660  
 L:559 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:720  
 L:561 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:780  
 L:563 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:840  
 L:565 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:900  
 L:567 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:960  
 L:569 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:1020  
 L:571 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:1080  
 L:573 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#22 after pos.:1140  
 L:580 M:283 W: Missing Blank Line separator, <220> field identifier  
 L:584 M:283 W: Missing Blank Line separator, <400> field identifier  
 L:585 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:0  
 L:587 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:60  
 L:589 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:120  
 L:591 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:180  
 L:593 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:240  
 L:595 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:300  
 L:597 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:360  
 L:599 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:420  
 L:601 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:480  
 L:603 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:540  
 L:605 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:600  
 L:607 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:660  
 L:609 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:720  
 L:611 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:780  
 L:613 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:840  
 L:615 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:900  
 L:617 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:960  
 L:619 M:341 W: 46 "n" or "Xaa" used, for SEQ ID#23 after pos.:1020

**\*09806708\***

Raw Sequence Listing  
 Directed to the Applicant

1600

**RAW SEQUENCE LISTING**

PATENT APPLICATION: US/09/806,708B

DATE: 01/03/2003

TIME: 14:22:02

Input Set : A:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01032003\I806708B.raw

2 <110> APPLICANT: The University of British Columbia  
 W--> 3 <120> TITLE OF INVENTION: Regulation of Embryonic Transcription in Plants  
 W--> 4 <130> FILE REFERENCE: 4810-58741  
 W--> 5 <140> CURRENT APPLICATION NUMBER: PCT/CA 00/00907B  
 C--> 6 <141> CURRENT FILING DATE: 2001-04-03  
 7 <150> PRIOR APPLICATION NUMBER: US 60/147,133  
 8 <151> PRIOR FILING DATE: 1999-08-04  
 W--> 9 <160> NUMBER OF SEQ ID: 23  
 10 <170> SOFTWARE: PatentIn version 3.0

**ERRORED SEQUENCES**

134 <210> SEQ ID NO: 11 *insert hard return*  
 135 <211> LENGTH: 25  
 136 <212> TYPE: DNA  
 137 <220> FEATURE:  
 W--> 138 <221> NAME/KEY: primer  
 139 <222> LOCATION: (1)..(25)  
 140 <223> OTHER INFORMATION: BnproFW  
 E--> 142 <213> ORGANISM:  
 142 <400> SEQUENCE: 11  
 143 ctgaatttcac caagaaacaa actcg

25

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,708B

DATE: 01/03/12 00

TIME: 14:22:03

Input Set : A:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01032003\I806708B.raw

L:3 M:263 W: Missing Blank Line separator, <120> field identifier  
 L:4 M:263 W: Missing Blank Line separator, <130> field identifier  
 L:5 M:263 W: Missing Blank Line separator, <140> field identifier  
 L:6 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:6 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:9 M:263 W: Missing Blank Line separator, <160> field identifier  
 L:11 M:263 W: Missing Blank Line separator, <210> field identifier  
 L:15 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:19 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:43 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
 L:46 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:54 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:55 M:267 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4  
 L:58 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:66 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:67 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5  
 L:70 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:73 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:79 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6  
 L:91 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:91 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
 L:94 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:102 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:103 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8  
 L:106 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:114 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:115 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:9  
 L:118 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:126 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:127 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10  
 L:130 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:137 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:138 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:11  
 L:142 M:262 E: Numeric Field Identifier Missing, <213> is required.  
 L:150 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:161 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:12  
 L:164 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:162 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:163 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:13  
 L:166 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:174 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:175 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:14  
 L:178 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:186 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:190 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:210 M:263 W: Missing Blank Line separator, <220> field identifier  
 L:214 M:263 W: Missing Blank Line separator, <400> field identifier  
 L:217 M:263 W: Missing Blank Line separator, <220> field identifier

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,708B

DATE: 01/03/2003

TIME: 14:22:03

Input Set : A:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01032003\I806708B.raw

L:256 M:283 W: Missing Blank Line separator, <400> field identifier  
L:316 M:283 W: Missing Blank Line separator, <220> field identifier  
L:320 M:283 W: Missing Blank Line separator, <400> field identifier  
L:362 M:283 W: Missing Blank Line separator, <220> field identifier  
L:366 M:283 W: Missing Blank Line separator, <400> field identifier  
L:406 M:283 W: Missing Blank Line separator, <220> field identifier  
L:410 M:283 W: Missing Blank Line separator, <400> field identifier  
L:476 M:283 W: Missing Blank Line separator, <220> field identifier  
L:480 M:283 W: Missing Blank Line separator, <400> field identifier  
L:528 M:283 W: Missing Blank Line separator, <220> field identifier  
L:532 M:283 W: Missing Blank Line separator, <400> field identifier  
L:533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:60  
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:120  
L:539 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:180  
L:541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:240  
L:543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:300  
L:545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:360  
L:547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:420  
L:549 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:480  
L:551 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:540  
L:553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:600  
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:660  
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:720  
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:780  
L:561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:840  
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:900  
L:565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:960  
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:1020  
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:1080  
L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:1140  
L:578 M:283 W: Missing Blank Line separator, <220> field identifier  
L:582 M:283 W: Missing Blank Line separator, <400> field identifier  
L:583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:585 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:60  
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:120  
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:180  
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:240  
L:593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:300  
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:360  
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:420  
L:599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:480  
L:601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:540  
L:603 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:600  
L:605 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:660  
L:607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:720  
L:609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:780  
L:611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:840  
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:900

## VERIFICATION SUMMARY

DATE: 11/03/2003

PATENT APPLICATION: US/09/806,708B

TIME: 14:22:03

Input Set : A:\Replacement Sequence Listing.txt

Output Set: N:\CRF4\01032003\I806708B.raw

L:615 M:341 W: (40) "n" or "Xaa" used, for SEQ ID#:23 after pos.:900  
L:617 M:341 W: (40) "n" or "Xaa" used, for SEQ ID#:23 after pos.:1020